

S. J. Miller
3-28-91

3-5
3-6
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: :
MOHIUDDIN ET AL. :
Serial No.: 330,156 : Group Art Unit: 336
Filed: March 29, 1989 : Examiner: M. POLUTTA
For: NOVEL METHOD OF : Attorney Docket No.:
MYOCARDIAL IMAGING : 7253-003

17/Mic
Art

03/26/91

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §1.56**

Honorable Commissioner of Patents and Trademarks,
Washington, D.C. 20231

Sir:

In accordance with Applicants' continuing obligation to bring to the attention of the Patent Office all references coming to their attention which are or may be related to the examination of the invention of the subject application, Applicants hereby direct the Examiner's attention to the following reference, a copy of which is being submitted herewith.

United States Patent No. 4,673,563 - issued to Berne et al. on June 16, 1987.

This reference discloses methods for diagnosing and treating supraventricular tachycardia and other arrhythmias caused by re-entry of electrical impulses in the AV node, by administering to a human or animal an effective amount of adenosine that restores normal sinus rhythm. The reference discloses that this is a result of adenosine causing a partial heart block which slows A-V node conduction. This is not related to the novel methods of the present invention where an adenosine receptor agonist is

administered to a human in order to detect the presence and assess the severity of coronary artery disease, ventricular dysfunction and the differences in blood flow through disease-free coronary vessels and stenotic coronary vessels. These novel methods utilize adenosine as a vasodilator in order to detect myocardial dysfunction.

Identification of this reference is not to be construed as an admission by Applicants or Applicants' attorneys that said reference is available as prior art against the subject application.

Applicants have also submitted herewith PTO Form 1449 listing the above-cited reference.

Applicants respectfully request that the Examiner review the foregoing reference and that it be made of record in the file history of the subject application.

Respectfully submitted,

Date 3/25/91

Gerald J. Flintoft 20,823
Gerald J. Flintoft (Reg. No.)
By (Signature) Rowan
PENNIE & EDMONDS (Reg. No. 34,411)
1155 Avenue of the Americas
New York, N.Y. 10036

(212) 790-9090